

Amendments to the Claims:

This listing of claims will replace all prior versions, and listings, of claims in the application:

Listing of Claims:

Claim 1 (currently amended): A method for remotely using a machine vision tool via a network, the method comprising:

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selecting, via a user interface presented by a web browser running on a given device local computing platform connected to the network, a machine vision tool on a remote computing platform accessible via the network, ~~the user interface being presented by a web browser;~~

selecting, via the user interface of presented by the web browser, machine vision tool training parameter information to be used for training the machine vision tool on the remote computing platform;

sending the selected machine vision tool training parameter information to ~~a machine vision tool device including the machine vision tool~~ on the remote computing platform; and

commanding, via the user interface presented by the web browser, ~~the machine vision tool device from the web browser~~ the remote computing platform to train the machine vision tool using the selected machine vision tool training parameter information.

Claim 2 (currently amended): The method of claim 1, wherein the selecting of the machine vision tool training parameter information includes entering training parameters.

Claim 3 (currently amended): The method of claim 1, further comprising:

M selecting, using the web browser, an ~~imaging~~ image communications device on a second remote computing platform accessible via the network;

commanding, using the user interface presented by the web browser, an image acquiring device connected to the ~~imaging~~ image communications device to acquire an image and to send the image via the network to the machine vision tool device on the remote computing platform.

Claim 4 (currently amended): The method of claim 1, wherein selecting the training parameter information comprises:

selecting, using the web browser running on the local computing platform, an image acquiring device to acquire an image of an object, the image acquiring device being connected to an ~~imaging~~ image communications device on a second remote computing platform accessible via the network; and

acquiring the image using the image acquiring device and sending the image to the ~~imaging~~ image communications device.

Claim 5 (currently amended): The method of claim 4, further comprising:

sending the image via the network from the ~~imaging image~~
communications device to the machine vision tool ~~device~~ on the remote
computing platform;

AI sending the image via the network from the machine vision tool ~~device~~ on
the remote computing platform to the ~~given device including~~ local computing
platform running the web browser;

displaying the image on a display device of the ~~given device~~ local
computing platform; and

selecting a region of interest of the image via the user interface of
presented by the web browser and sending corresponding selected region of
interest information to the machine vision tool ~~device~~ on the remote computing
platform.

Claim 6 (currently amended): The method of claim 4 3, wherein the ~~machine~~
~~vision tool device~~ the remote computing platform and the ~~given device~~ local
computing platform ~~including the web browser~~ are a same device.

Claim 7 (currently amended): A method for remotely using a machine vision tool via a network, the method comprising:

AI selecting a machine vision tool on a remote computing platform accessible via the network, via a user interface ~~of a given device including~~ presented by a web browser running on a local computing platform connected to the network, ~~a machine vision tool~~;

entering, via the user interface presented by the web browser, machine vision tool training parameter information to be used for training the machine vision tool;

sending the machine vision tool training parameter information to a ~~machine vision tool device, the machine vision tool device including~~ the machine vision tool on the remote computing platform; and

commanding the machine vision tool ~~device from the web browser~~ , via the user interface presented by the web browser, to train the machine vision tool using use the machine vision tool training parameter information.

Claim 8 (currently amended): The method of claim 7, wherein the machine vision tool training parameter information includes an outline drawn on a screen of a video display device using a pointing device.

Claim 9 (currently amended): The method of claim 1, wherein selecting the machine vision tool training parameter information comprises:

entering, via the web browser, an indicator of a file including the machine vision tool training parameter information; and

AM sending the file to the machine vision tool device on the remote computing platform via the network.

Claim 10 (original): The method of claim 9, wherein the file is a DXF file and the training information is AutoCAD data.

Claim 11 (currently amended): The method of claim 1, further comprising:

producing, via the ~~machine vision device~~ machine vision tool on the remote computing platform, a trained model based on the machine vision tool training parameter information; and

storing the trained model.

Claim 12 (original): The method of claim 11, wherein the trained model is stored in a storage device associated with the ~~given device including the web browser~~ local computing platform connected to the network.

Claim 13 (currently amended): The method of claim 11, wherein the trained image is stored in a storage device on the machine vision tool ~~device~~ on the remote computing platform.

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Claim 14 (currently amended): The method of claim ~~10~~ 9, further comprising:
producing, via the machine vision tool, a trained model based on the machine vision tool training parameter information; and
storing the trained model.

Claim 15 (currently amended): The method of claim 14, wherein the trained model is stored in a storage device associated with the ~~given device including the web browser~~ local computing platform connected to the network.

Claim 16 (currently amended): The method of claim 14, wherein the trained model is stored in a storage device associated with the ~~machine vision tool device~~ remote computing platform accessible via the network.

Claim 17 (currently amended): The method of claim 1, further comprising entering at least one parameter, via the web browser, to send to the ~~machine vision tool device~~ remote computing platform before commanding, via the web browser, the ~~machine vision tool device~~ remote computing platform to execute run the machine vision tool.

Claim 18 (currently amended): The method of claim 3, further comprising:

periodically receiving, on the ~~given device~~ local computing platform
including the web browser, an updated image originating from the image
acquiring device; and

displaying the updated image via the web browser to produce a live
display of the image.

Claim 19 (currently amended): A method for remotely using a machine vision
tool via a network, the method comprising:

selecting, using a user interface of a web browser ~~included in a given
device~~ running on a local computing platform connected to the network,
parameters for running a machine vision tool on a remote computing platform
accessible via the network;

selecting, using the user interface of the web browser running on the local
computing platform, a machine vision tool on the remote computing platform;

causing, using the web browser running on the local computing platform,
the machine vision tool on the remote computing platform to be executed, the
machine vision tool using the selected parameters; and

sending results of the executed machine vision tool to the ~~given device~~
~~including the web browser~~ the local computing platform connected to the
network.

Claim 20 (currently amended): The method of claim 19, further comprising:

displaying, using a display device associated with the ~~given device~~
~~browser~~ the local computing platform connected to the network, the results of the
machine vision tool, the displaying being performed via the web browser running
on the local computing platform.

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Claim 21 (original): The method of claim 19, wherein the parameters specify one
of an image acquired by an image acquiring device and a file in a database.

Claim 22 (original): The method of claim 19, wherein the parameters are
received from a location selected via the web browser running on the local
computing platform.

Claim 23 (currently amended): The method of claim 19, further comprising:

entering, using the web browser running on the local computing platform,
at least one parameter to be passed to a ~~machine-vision-tool device~~ the remote
computing platform including the machine vision tool; and

passing the at least one parameter to the machine vision tool ~~device-on~~
the remote computing platform.

Claim 24 (currently amended): An apparatus for remotely using a machine vision tool via a network, the apparatus comprising:

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a ~~machine vision tool device~~ remote computing platform accessible via the network, the remote computing platform including a machine vision tool, the ~~machine vision tool device~~ the remote computing platform being configured to communicate via the network with a ~~given device~~ local computing platform including a web browser, the ~~machine vision tool device~~ remote computing platform further including a receiving portion to receive an identifier of the machine vision tool from the web browser.

Claim 25 (currently amended): The apparatus according to claim 24, wherein the ~~machine vision tool device~~ the remote computing platform further comprises:

a presentation portion to prepare at least one presentation display to send to the web browser on the local computing platform, the at least one presentation display being based on results of executing the machine vision tool on the remote computing platform; and

a sending portion to send the at least one presentation display to the web browser via the network.

Claim 26 (currently amended): The apparatus of claim 25, wherein the presentation portion is configured to receive output from the machine vision tool and to place the output in a form of the at least one presentation display to display via the web browser on the local computing platform.

Claim 27 (currently amended): The apparatus of claim 26, wherein:

the presentation portion is configured to produce the at least one presentation display including commands for displaying the at least one presentation display via the web browser on the local computing platform.

Claim 28 (original): The apparatus of claim 27, wherein the commands for displaying the at least one presentation display include one of HTML and XML.

Claim 29 (currently amended): The apparatus of claim 28, wherein the commands for displaying the at least one presentation display include a program to be executed by the ~~given device~~ local computing platform.

Claim 30 (original): The apparatus of claim 29 wherein the program is a Java applet.

Claim 31 (original): The apparatus of claim 27, wherein the commands include Java script.

Claim 32 (currently amended): A machine-readable medium encoded with a program for a device remote computing platform connected to a network, the remote computing platform including a machine vision tool, said program comprising:

preparing at least one presentation display to send via the network to a ~~given device~~ local computing platform including a web browser;

receiving an identifier of the machine vision tool from the ~~given device~~ local computing platform including the web browser via the web browser; and
~~executing~~ running the machine vision tool.

Claim 33 (currently amended): The machine-readable medium of claim 32, wherein the program further comprises:

receiving output from the machine vision tool on the remote computing platform and placing the output in a form of the at least one presentation display for displaying via the web browser on the local computing platform; and

sending the at least one presentation display, including the output of the machine vision tool on the remote computing platform, to the ~~given device~~ local computing platform including the web browser.

Claim 34 (currently amended): The machine-readable medium of claim 32, wherein the prepared at least one presentation display includes commands for displaying the at least one presentation display using the web browser on the local computing platform.

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Claim 35 (original): The machine-readable medium of claim 34, wherein the commands for displaying the at least one presentation display include one of HTML commands and XML commands.

Claim 36 (currently amended): The machine-readable medium of claim 34, wherein the commands for displaying the at least one presentation display include a program to be executed by the web browser on the local computing platform.

Claim 37 (original): The machine-readable medium of claim 36, wherein the program is a Java applet.

Claim 38 (original): The machine-readable medium of claim 34, wherein the commands include Java script.

Claim 39 (original): The method of claim 1, further comprising:

selecting one of a plurality of devices, each having at least one machine vision tool.

Claim 40 (currently amended): The method of claim 1, wherein the ~~given device~~ local computing platform and the ~~machine-vision tool device~~ remote computing platform are located remotely from each other.

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Claim 41 (currently amended): The method of claim 3, wherein the ~~imaging~~ image communications device is separate from the ~~given device~~ local computing platform and the ~~machine-vision tool device~~ remote computing platform.

Claim 42 (currently amended): The method of claim 40, wherein the ~~given device~~ local computing platform and the ~~machine-vision tool device~~ remote computing platform are connected via at least one of a local area network, a wide area network, and an internet.

Claim 43 (currently amended): The method of claim 42, wherein the ~~given device~~ local computing platform and the ~~machine-vision tool device~~ remote computing platform are in different buildings.
